## INTERNATIONAL SEARCH REPORT

national Application No F/GB2004/002253

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F04B53/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC \ 7 \qquad F04B$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with Indication, where appropriate, of the	ne relevant passages	Relevant to claim No.		
A	US R E37 483 E (FLINDALL STEPH 25 December 2001 (2001-12-25) cited in the application the whole document	1-13			
Α	US 6 209 445 B1 (ROBERTS JR EM AL) 3 April 2001 (2001-04-03) column 2, line 49 - column 3,	1,12			
Α	DE 32 18 000 A (WIRTH CO KG MA 24 November 1983 (1983-11-24) claim 1; figures 4,5	1,12			
A	DE 23 56 604 A (WAGNER MASCHF 15 May 1975 (1975-05-15) claim 1	PAUL HEINZ)	1,12		
X Furt	her documents are listed in the continuation of box C.	Patent family members are	listed in annex.		
<del></del>	ategories of cited documents:				
"A" docume consid "E" earlier filing of the citatio "O" docume which citatio "O" docume other	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international	or priority date and not in conflicted to understand the principl invention  "X" document of particular relevance cannot be considered novel or involve an inventive step when  "Y" document of particular relevance cannot be considered to involve document is combined with one ments, such combination being in the art.	<ul> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled</li> </ul>		
Date of the	actual completion of the international search	Date of mailing of the internation	nal search report		
1	7 September 2004	24/09/2004			
Name and	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo ni,	Authorized officer Fistas, N			

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